



Makita Finishing Sander

MODEL B04510

INSTRUCTION MANUAL

Finishing Sander & Standard Equipment



- ① Tool body
 ② Abrasive papers (AA)
 (for wood)
 60 (Coarse)
 100 (Medium)
 150 (Fine) } 1 each



**DOUBLE
INSULATION**

SPECIFICATIONS

Pad size	Continuous rating (Input)	No load speed	Dimensions (L x W x H)	Net weight	Power supply cord
110 mm x 100 mm (4-3/8" x 4")	180 W	12,000 O/min.	115 mm x 110 mm x 126 mm (4-1/2" x 4-3/8" x 5")	1.1 kg (2.4 lbs)	2.5 m (8.2 ft.)

* Manufacturer reserves the right to change specifications of parts and accessories without notice.

* Note: Specifications of parts and accessories may vary from country to country.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

READ ALL INSTRUCTIONS.

1. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
2. **CONSIDER WORK AREA ENVIRONMENT.** Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain. Don't use tool in presence of flammable liquids or gases.
3. **KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Don't let visitors contact tool or extension cord.
4. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place – out of reach of children.
5. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
6. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended.
7. **DRESS PROPERLY.** Don't wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
8. **USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty.
9. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
10. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
11. **DON'T OVERREACH.** Keep proper footing and balance at all times.
12. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and charging accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Keep handles dry, clean, and free from oil and grease.
13. **DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
14. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
15. **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is OFF when plugging in.
16. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
17. **STAY ALERT.** Watch what you are doing, use common sense. Don't operate tool when you are tired.
18. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or

replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Don't use tool if switch does not turn it on and off.

19. GUARD AGAINST ELECTRIC SHOCK. Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.

20. REPLACEMENT PARTS. When servicing, use only identical replacement parts.

SAVE THESE INSTRUCTIONS.

VOLTAGE WARNING: Before connecting the tool to a power source (receptacle, outlet, etc.) be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in **SERIOUS INJURY** to the user — as well as damage to the tool. If in doubt, **DO NOT PLUG IN THE TOOL.** Using a power source with voltage less than the nameplate rating is harmful to the motor.

ATTACHING SANDPAPER

- Pull out the clamp lever and insert the paper end. Be careful to maintain the proper paper tension. Align edges of sanding paper with either edge of the pad. (Pre-bending the paper makes attachment easier.) Once the paper is in place, return the clamp lever to its original position.

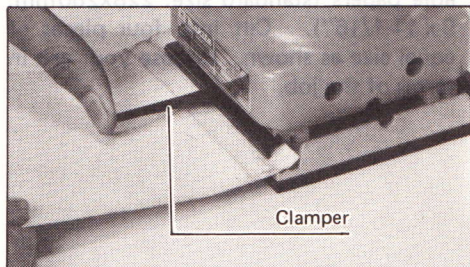


Fig. 1

- After inserting the paper, make sure the teeth of the clamper grip it securely. Otherwise the paper will be loose and subject to slippage, resulting in uneven sanding operation.

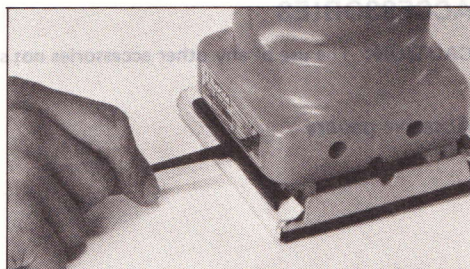


Fig. 2

HOW TO USE

• Switch Action

Slide thumb switch left or right for starting or stopping.

See "ON" – "OFF" indication on sander body.



Fig. 3

- A sander is generally used to remove only a small amount of material at a time. Since the quality of the surface is more important than the amount of stock removed, do not bear down on the sander. Keep the base flush with the material at all times. Undue pressure may damage the abrasive paper and shorten tool life.
- Note 1: Never run the tool without abrasive paper. You may seriously damage the pad.



Fig. 4

- Additional papers can be conveniently cut from large-sized commercially available papers (standard size: 228x280mm; 9x11-1/16"). Cut into four pieces of equal size as shown. Choose your grit in terms of the job.

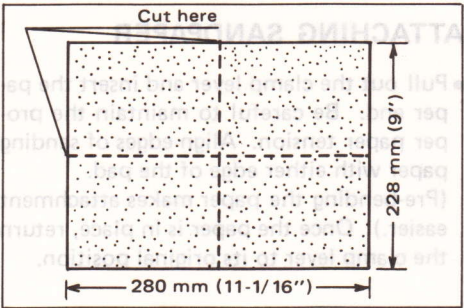


Fig. 5

ACCESSORIES

CAUTION: The use of any other accessories not specified in this manual might be hazardous.

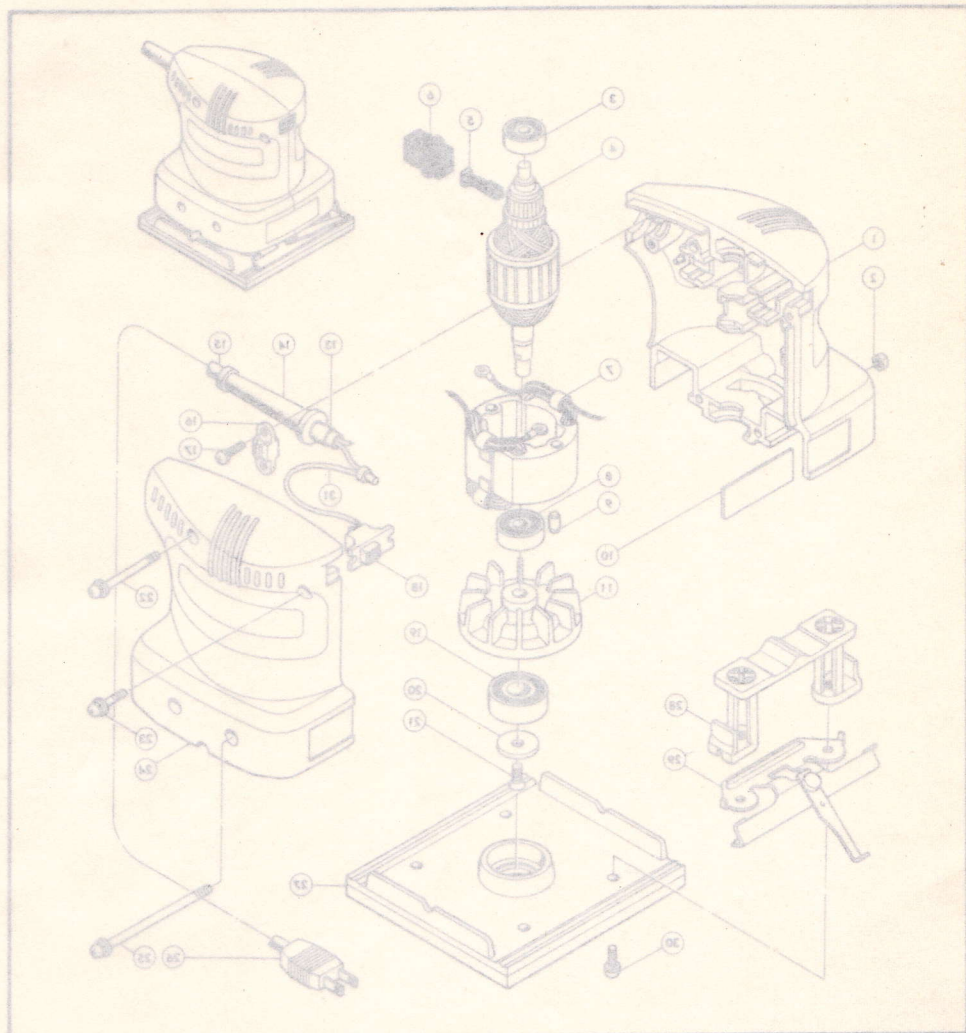
Abrasive papers

Grit	Part No.	Use	Sheets per pack
60	742509-3	Coarse	10
100	742510-8	Medium	
150	742511-6	Fine	

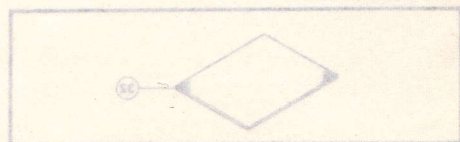


PARTS

• MACHINE •



• ACCESSORIES •

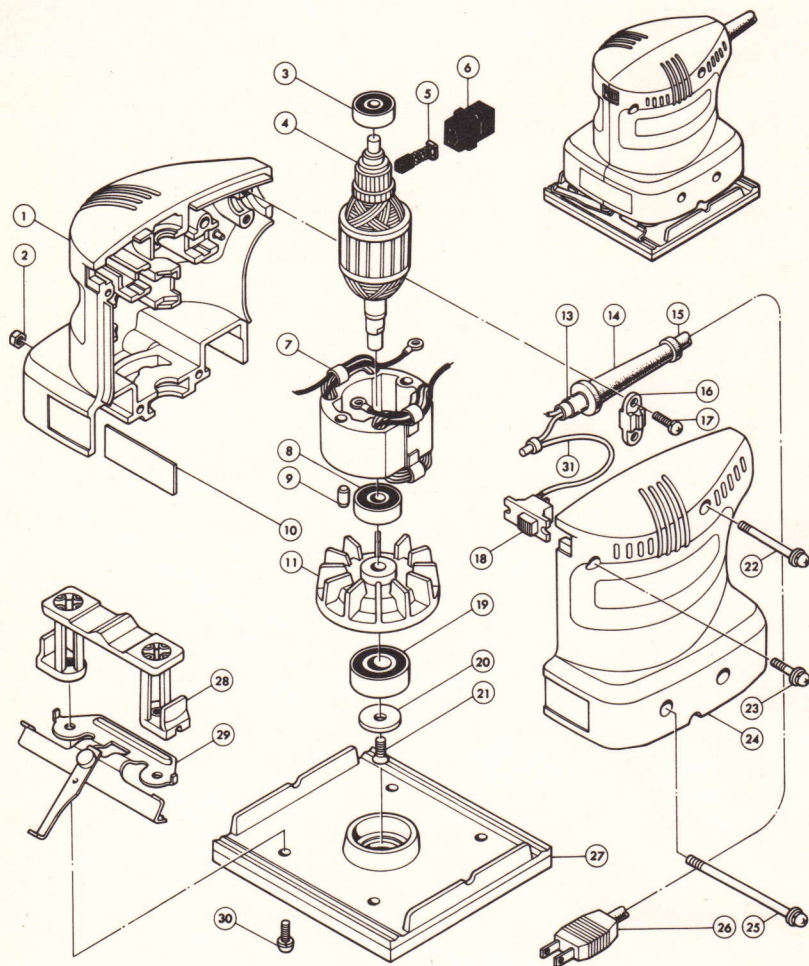


Trakita Finishing Sander

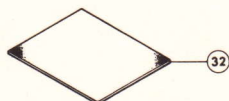
MODEL B04510

PARTS

*** MACHINE ***



*** ACCESSORIES ***



ITEM NO.	NO. USED	DESCRIPTION	ITEM NO.	NO. USED	DESCRIPTION
MACHINE			MACHINE		
1	1	Main Housing	18	1	Switch (Single Pole)
2	4	H. Nut M4	19	1	Ball Bearing 6200LLB
3	1	Ball Bearing 627LLB	20	1	F. Washer 6
4	1	ARMATURE ASSEMBLY (Assembled Items 3 & 4)	21	1	C. H. Screw M4x10
5	2	Carbon Brush CB-56	22	1	P. H. Screw M4x60 (With Washer)
6	2	Brush Holder	23	1	P. H. Screw M4x25 (With Washer)
7	1	FIELD ASSEMBLY	24	1	Sub Housing
8	1	Ball Bearing 629LLB	25	2	P. H. Screw M4x70 (With Washer)
9	1	Rubber Pin 4	26	1	Plug
10	1	Name Plate	27	1	Base
11	1	Fan 65	28	2	Foot
13	1	Protecting Tube	29	2	Clamper
14	1	Cord Guard	30	4	P. H. Screw M4x10 (With Washer)
15	1	CORD ASSEMBLY (Assembled Items 14, 15 & 26)	ACCESSORY		
16	1	Strain Relief	32	1	Abrasive Paper
17	2	P. H. Screw M4x18 (With Washer)			

Every Makita tool is thoroughly inspected and tested before leaving the factory. If a defect is found, the tool is repaired or replaced. Should any trouble develop during the one-year period, return the COMPLETE original purchase. Should any trouble develop during this one-year period, return the COMPLETE original purchase. Should any trouble develop during this one-year period, return the COMPLETE original purchase. Should any trouble develop during this one-year period, return the COMPLETE original purchase.

This Warranty does not apply where:
 * repairs have been made or attempted by others;
 * there is evidence of normal wear and tear;
 * The tool has been abused, misused or improperly maintained;
 * alterations have been made to the tool.

IN NO EVENT SHALL MAKITA BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM THE SALE OR USE OF THE PRODUCT. THIS DISCLAIMER APPLIES BOTH DURING AND AFTER THE TERM OF THIS WARRANTY. MAKITA DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE," AFTER THE ONE-YEAR TERM OF THIS WARRANTY.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.



Makita Electric Works, Ltd.

11-8, 3-chome, Sumiyoshi-cho, Anjo, Aichi 446, Japan

アメリカ

ITEM NO. USED DESCRIPTION ITEM NO. USED DESCRIPTION

MACHINE	ITEM NO. USED	DESCRIPTION
Base	37	1
Pin	38	1
Sub Housing	39	1
P. H. Screw M4x20 (With Washer)	40	1
P. H. Screw M4x20 (With Washer)	41	1
P. H. Screw M4x20 (With Washer)	42	1
P. H. Screw M4x20 (With Washer)	43	1
Switch (Single Pole)	44	1

MACHINE	ITEM NO. USED	DESCRIPTION
Base	45	1
Pin	46	1
Sub Housing	47	1
P. H. Screw M4x20 (With Washer)	48	1
P. H. Screw M4x20 (With Washer)	49	1
P. H. Screw M4x20 (With Washer)	50	1
P. H. Screw M4x20 (With Washer)	51	1
Switch (Single Pole)	52	1

MAKITA LIMITED ONE YEAR WARRANTY

Warranty Policy

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is warranted to be free of defects from workmanship and materials for the period of ONE YEAR from the date of original purchase. Should any trouble develop during this one-year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers. If inspection shows the trouble is caused by defective workmanship or material, Makita will repair (or at our option, replace) without charge.

This Warranty does not apply where:

- repairs have been made or attempted by others;
- there is evidence of normal wear and tear;
- The tool has been abused, misused or improperly maintained;
- alterations have been made to the tool.

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MAKITA DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE," AFTER THE ONE-YEAR TERM OF THIS WARRANTY.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.



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